

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. **A894610US**First Inventor **James I. Livingstone**Title **Reverse Circulation Clean Out System for Loo**

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for processing)
2. ☒ Applicant claims small entity status
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **43**]
(Preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **16**]
5. Oath or Declaration [Total Pages **61**]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies), or
 - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application no. _____

Prior application information

Examiner _____

Group Art Unit _____

For CONTINUATION OR DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

☒ Correspondence address only

Name	Irene F. Bridger				
Address	c/o Gowing Lafleur Henderson LLP				
City	Calgary	State	Alberta	Zip Code	T2P 4V5
Country	Canada	Telephone	(403) 298-1076	Fax	(403) 263-9193

Name (Print/Type)	Irene F. Bridger	Registration No. (Attorney/Agent)	53,914
Signature	<i>Irene F. Bridger</i>	Date	07/21/2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time may vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

16424 U.S. PT
10/62302

07/21/03

07/21/03 16698 U.S. PTO

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003 Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
1110.00

Complete if Known

Application Number	N/A
Filing Date	N/A
First Named Inventor	James I. Livingstone
Examiner Name	N/A
Art Unit	N/A
Attorney Docket No	A894610US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number: 07-1750

Deposit Account Name: Gowling Lafleur Henderson

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE			
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001 750	2001 375	Utility filing fee	375
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 375.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims: 97

Independent Claims: 4

Multiple Dependent: 1

Extra Claims: 77

Fee from below: 9

Fee Paid: 693

42

735

Large Entity		Small Entity		Fee Description	
Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)		
1202 18	2202 9	1201 84	2201 42	Claims in excess of 20	
1203 280	2203 140	1204 84	2204 42	Independent claims in excess of 3	
1204 84	2204 42	1205 18	2205 9	Multiple dependent claim, if not paid	
1205 18	2205 9			** Reissue independent claims over original patent	
				** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$) 735.00

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES				Fee Description	Fee Paid
Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)		
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
1053 130	2053 65	1812 2,520	2052 25	Surcharge - late provisional filing fee or cover sheet	
1812 2,520	2053 65	1804 920	2053 65	Non-English specification	
1804 920	2053 65	1805 1,840	2053 65	For filing a request for ex parte reexamination	
1805 1,840	2053 65	1804 920	2053 65	Requesting publication of SIR prior to Examiner action	
1804 920	2053 65	1805 1,840	2053 65	Requesting publication of SIR after Examiner action	
1805 1,840	2053 65	1251 110	2053 65	Extension for reply within first month	
1251 110	2053 65	1252 410	2053 65	Extension for reply within second month	
1252 410	2053 65	1253 930	2053 65	Extension for reply within third month	
1253 930	2053 65	1254 1,450	2053 65	Extension for reply within fourth month	
1254 1,450	2053 65	1255 1,970	2053 65	Extension for reply within fifth month	
1255 1,970	2053 65	1401 320	2053 65	Notice of Appeal	
1401 320	2053 65	1402 320	2053 65	Filing a brief in support of an appeal	
1402 320	2053 65	1403 280	2053 65	Request for oral hearing	
1403 280	2053 65	1451 1,510	2053 65	Petition to institute a public use proceeding	
1451 1,510	2053 65	1452 110	2053 65	Petition to revive - unavoidable	
1452 110	2053 65	1453 1,300	2053 65	Petition to revive - unintentional	
1453 1,300	2053 65	1501 1,300	2053 65	Utility issue fee (or reissue)	
1501 1,300	2053 65	1502 470	2053 65	Design issue fee	
1502 470	2053 65	1503 630	2053 65	Plant issue fee	
1503 630	2053 65	1460 130	2053 65	Petitions to the Commissioner	
1460 130	2053 65	1807 50	2053 65	Processing fee under 37 CFR 1.17(q)	
1807 50	2053 65	1806 180	2053 65	Submission of information Disclosure Stmt	
1806 180	2053 65	8021 40	2053 65	Recording each patent assignment per property (times number of properties)	
8021 40	2053 65	1809 750	2053 65	Filing a submission after final rejection (37 CFR 1.129(a))	
1809 750	2053 65	1810 750	2053 65	For each additional invention to be examined (37 CFR 1.129(b))	
1810 750	2053 65	1801 750	2053 65	Request for Continued Examination (RCE)	
1801 750	2053 65	1802 900	2053 65	Request for expedited examination or a design application	
1802 900	2053 65	Other fees (specify)			
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3)					(\$)

SUBMITTED BY: Irene R. Bridger

Registration No: 33,914

Telephone: 403-298-1076

Date: July 21, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.